

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re International Application: James G. MOREDOCK, et al.

International Application No.: PCT/US03/10238

International Filing Date: 04 April 2003

Title: POWERED AIR CLEANING SYSTEM AND AIR CLEANING METHOD

AMENDMENT UNDER PCT ARTICLE 34

**Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450**

Sir:

Replacement sheets for pages 11 and 16 in the above-identified application are enclosed.

Replacement page 11 contains amended claims 1-4. The amendments to claim 1 including adding the limitations of original dependent claim 2 to the claim, claim 1 now reciting "the air filter being elongated in the direction of the axis about which the debris laden air is rotated". Claim 2 has been changed to recite that the filter is located centrally within a separator-ejector chamber in the flow path of the air cleaning system. By the amendments claims 3 and 4 have been amended to depend from claim 1 rather than claim 2.

Replacement page 16 contains amendments to claim 22. By the amendments, the last step in the air cleaning method has been changed to recite "withdrawing air from the innermost orbits of the rotating flow in the system through an air filter and an outlet of the system by applying a vacuum to the outlet, wherein the air filter is swept by the rotating flow to provide a self cleaning action on the


filter."

The changes in independent claims 1 and 22 are believed to clearly patentably distinguish the powered air cleaning system and air cleaning method of the claims from applicant's earlier U.S. Patent No. 6,319,304 cited in the International Search Report.

A Demand for international preliminary examination is being filed concurrently with this Amendment.

Respectfully submitted,

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Enclosures: Replacement pages 11 and 16